

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S289	1	("6749621").PN.	USPAT; USOCR	OR	OFF	2009/12/18 13:31
S288	1	("5830125").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:44
S287	1	("5222974").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:40
S286	1	("5192302").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:39
S285	2	((("6695867") or ("6719777")).PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:31
S284	1	("6179777").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:31
S283	1	("6695867").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:30
S282	1	("5674231").PN.	USPAT; USOCR	OR	OFF	2009/12/18 11:27
S281	32	S280 not S279	US-PGPUB; USPAT	OR	OFF	2009/12/18 09:53
S280	41	((ANTHONY) near2 (PANTAGES)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/18 09:53
S279	147	((RICHARD) near2 (GINN)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/18 09:50
S278	2	((("7169164") or ("6652556")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 09:09
S277	4	((("5674231") or ("6447540") or ("5593412") or ("5868755")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 09:02
S276	1	("7169158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 09:00
S275	2	((("6699256") or ("6152937")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 08:58
S274	3	((("6348064") or ("20020026208") or ("6989003")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 08:54
S273	3	((("5782861") or ("6569173") or ("6613059")).PN.	USPAT; USOCR	OR	OFF	2009/12/18 08:50
S272	2	((("6569173") or ("5695504")).PN.	USPAT; USOCR	OR	OFF	2009/12/18 08:48
S271	4	US-1323335-\$.DID. OR US-7396359-\$.DID. OR US-5250058-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/18 08:42

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S251	280	(anchor fastener staple) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2009/12/17 17:27
S250	118	(fastener staple anchor closure) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2009/12/17 17:26
S249	88	(fastener staple anchor) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2009/12/17 17:26
S248	4	(fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2009/12/17 17:26
S247	4	(fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2009/12/17 17:25

S246	6	closure same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2009/12/17 17:25
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S240	17	("5192300" "5324306" "5354271" "5441517" "5522840" "5741223" "5792152" "5868778" "5906631" "5984948" "6017359").PN. OR ("6110184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 15:49
S239	25	("3868956" "4503569" "4830003" "4994066" "5044369" "5192297" "5201901" "5224953" "5344425" "5562641" "5601591" "5607466" "5667522" "5766237"). PN. OR ("6093194").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 15:46
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S233	219	(stent) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41
S232	259	S231 not S230	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41
S231	280	(anchor fastener staple) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41
S230	199	(closure) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41
S229	221	S228 same (anchor plug)	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41

S228	5090	(sleeve sheath) with tear\$4	US-PGPUB; USPAT	OR	ON	2009/12/17 13:41
S227	99	S226 and S179	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S226	905	S224 and S225	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S225	53695	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S224	16564	S222 with S223	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S223	544247	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S222	426472	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:41
S221	577555	S219 same S220	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S220	2630507	plug seal\$3 clip clamp	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S219	2476738	helical spring coil (guide adj wire)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S218	92	("1064307" "3518993" "3653388" "3774438" "3888117" "4064881" "4166466" "4263899" "4317455" "4325376" "4351466" "4440170" "4487204" "4492232" "4523592" "4530698" "4534351" "4539990" "4593693" "4610671" "4611595" "4616650" "4622970" "4651733" "4668221" "4693249" "4738658" "4772266" "4865593" "4889112" "4917087" "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "5015239" "5015249" "5057083" "5066285" "5104394" "5139486" "5147381" "5176128" "5176129" "5205830" "5207229" "5257979" "5275611" "5282827" "5292311" "5297714" "5300065" "5306254" "5306259" "5318542" "5320611" "5342373" "5360397" "5383881" "5383896" "5411520" "5417699" "5441504" "5509893" "5531759" "5536251"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40

		"5545178" "5573517" "5577993" "5580344" "5596990" "5613948" "5645566" "5649911" "5649959" "5662681" "5674231" "5676689" "5725551" "5810810" "5910155").PN. OR ("6287322").URPN.				
S217	99	S216 and S198	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S216	905	S214 and S215	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S215	53695	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S214	16564	S212 with S213	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S213	544247	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S212	426472	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2009/12/17 13:40
S211	1	2005-810509.NRAN.	DERWENT	OR	OFF	2009/12/17 13:40
S210	1	("6782503").PN.	USPAT; USOCR	OR	OFF	2009/12/17 13:40
S209	1	("6391048").PN.	USPAT; USOCR	OR	OFF	2009/12/17 13:40
S208	1	("6197042").PN.	USPAT; USOCR	OR	OFF	2009/12/17 13:40
S207	121	(guide adj wire) same (closure with device)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S206	34	("20020058962" "20030130689" "3174851" "3351463" "3753700" "4994069" "5122136" "5226911" "5234437" "5250017" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5549624" "5582619" "5690666" "5833705" "5853418" "5881732" "5941888" "5984947" "6165178" "6193728" "6270524" "6280457" "6361558" "6468266"). PN. OR ("7166122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40

S205	87	("3174851" "3351463" "3753700" "4739768" "4820298" "4994069" "5122136" "5226911" "5234437" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5382260" "5417708" "5423829" "5423849" "5522822" "5527338" "5536274" "5549624" "5582619" "5624461" "5639277" "5645082" "5645558" "5649949" "5669931" "5690666" "5700258" "5718711" "5749894" "5792154" "5797953" "5830230" "5843118" "5853418" "5863366"). PN. OR ("6280457").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S204	21	("3687129" "4994069" "5095917" "5192301" "5226911" "5304194" "5382259" "5443478" "5573547" "5582619"). PN. OR ("5792154").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S203	406	S198 and S201	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S202	577555	S197 and S201	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S201	577555	S197 same S200	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S200	2630507	plug seal\$3 clip clamp	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S199	922	S197 and S198	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S198	1421	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S197	2476738	helical spring coil (guide adj wire)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S196	18	("5370660" "5383896" "5391183" "5411520" "5419765" "5486195" "5649959").PN. OR ("5853421").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S195	36	("4744364" "4852568" "4890612" "5108421" "5171259" "5383896" "5419765" "5454833"). PN. OR ("5922009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40

S194	164	("2862497" "4555242" "4701163" "4738658" "4852568" "4890612" "5021059" "5042985" "5053046" "5061274" "5108421" "5129882" "5159937" "5176692" "5222974" "5250025"). PN. OR ("5383896").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S193	87	("20030009180" "20030093096" "3586002" "3604425" "3677243" "3757629" "3805337" "4192315" "4217902" "4345606" "4396139" "4411654" "4412832" "4485816" "4505274" "4586503" "4687469" "4772266" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008" "5108420" "5156609" "5167634" "5176648" "5192302" "5222974" "5275616" "5304184" "5318542" "5334217" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5728114" "5782844" "5782860" "5782861" "5810846" "5810851" "5817113" "5820631" "5830125" "5879366" "5910155" "5922009" "5951518" "5951589" "5964782" "5984934" "6007563" "6036720" "6045570" "6056769" "6056770" "6063085" "6077281" "6077291" "6080182" "6080183" "6120524" "6197042" "6348064" "6695867" "RE31855").PN. OR ("6942674").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40

S192	93	("2513771" "4532134" "4744364" "4852568" "4854320" "4929240" "5021059" "5030226" "5053046" "5061274" "5100420" "5108421" "5129882" "5156608" "5156613" "5192300" "5192301" "5192302" "5207670" "5217473" "5221259" "5222974" "5226908" "5254105" "5275616" "5282827" "5290310" "5292332" "5310407" "5342393" "5370660" "5383896" "5383897" "5383899" "5391183" "5411520" "5413571" "5415657" "5417699" "5437631" "5441517" "5443477" "5443481" "5447502" "Re34866").PN. OR ("5674231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S191	7	((("5674231") or ("6197042") or ("6626918") or ("6391048") or ("5935147") or ("20050090859") or ("20020072768")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:40
S190	164	(S179 S180 S182 S183 S181 S185 S184 S186 S187 S188) and S189	US-PGPUB; USPAT	OR	ON	2009/12/17 13:39
S189	14098	(sleeve sheath cover) with tear\$4	US-PGPUB; USPAT	OR	ON	2009/12/17 13:39
S188	432	(606/215).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S187	5131	(128/898).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S186	507	(606/158).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S185	703	(606/157).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S184	2185	(606/151).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S183	398	(606/143).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S182	729	(606/142).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S181	1593	(606/139).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39

S180	529	(606/219).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39
S179	1421	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 13:39

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S270	21	S265 and "600".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:34
S269	17	S265 and "128".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:34
S268	41	S265 and "604".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:34
S267	5	S265 and "623".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:34
S266	119	S265 and "606".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:33
S265	1034	(fastener staple anchor closure) same slid\$5 same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:33
S264	408	(606/215).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/17 17:31
S263	535	(606/219).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/17 17:31
S262	1442	(606/213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/12/17 17:31
S261	201	(closure) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:31
S260	6	closure same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:30
S259	4	(fastener staple anchor) same carr\$4 same slid \$5 same (sheath sleeve skin canula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:28

S258	288	(anchor fastener staple) same ((peal-away (peel adj away) peelaway tear \$4) with (sheath cannula sleeve))	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:27
S257	119	(fastener staple anchor closure) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peal-away ((peel peal) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2009/12/17 17:27
S256	66	(fastener staple anchor closure) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peal-away ((peel peal) adj away) pealaway peelaway tear\$5)	USPAT; UPAD	OR	ON	2009/12/17 17:27

12/ 19/ 2009 3:02:54 PM

H:\ Workspaces\ Closure device\ Anchor and delivery means\ 10682459 closure device glenn.wsp